L Number	Hits	Search Text	DB	Time stamp
1	154		USPAT	2004/03/19 21:23
-		49/\$.ccls.		
3	1	((method and (louver\$1 or shutter\$1)) and	USPAT	2004/03/19 17:02
	_	49/\$.ccls.) and encoder		
7	410	1	USPAT	2004/03/19 17:05
		same rotat\$3		
9	311	(communicat\$4 same motor\$1 same encod\$3	USPAT	2004/03/19 17:05
		same rotat\$3) and method		
10	311	method and (communicat\$4 same motor\$1 same	USPAT	2004/03/19 17:06
i		encod\$3 same rotat\$3)		
12	38	(method and (communicat\$4 same motor\$1	USPAT	2004/03/19 17:06
		same encod\$3 same rotat\$3)) and (method		
		and (louver\$1 or shutter\$1))		
13	40	((method and (louver\$1 or shutter\$1)) and	USPAT	2004/03/19 17:11
		49/\$.ccls.) and motor\$1		
14	11	1 ' '	USPAT	2004/03/19 17:11
		49/\$.ccls.) and (motor\$1 and (remote or		
l	0.55	encod\$3))	II.G.D.A.M.	2004/02/10 10:20
44	865	method\$1 and ((luvre\$1 or blind\$1 or	USPAT	2004/03/19 19:39
		Shutter\$1 or vent\$!) same rotat\$4 same		
4.5	405	motor\$1) and (wireless or remote)	USPAT	2004/03/19 19:38
45	495		USPAI	2004/03/19 19:38
		Shutter\$1 or vent\$!) same rotat\$4 same motor\$1) and ((wireless or remote) same		
		infrared or radio or ultrasound or		
		ultrasonic)		
50	397	•	USPAT	2004/03/19 17:47
	35,	with motor\$1) and (motor\$1 with encod\$3)	001111	2001,00,15 1,111
51	117	((wireless or remote) same (communicat\$4	USPAT	2004/03/19 18:09
		with motor\$1)) and (motor\$1 with encod\$3)		
53	397	((wireless or remote) and (communicat\$4	USPAT	2004/03/19 18:11
V		with motor\$1)) and (motor\$1 with encod\$3)		
55	396	(((wireless or remote) and (communicat\$4	USPAT	2004/03/19 18:11
		<pre>with motor\$1)) and (motor\$1 with encod\$3))</pre>		
		not (method\$1 and ((luvre\$1 or blind\$1 or		
		Shutter\$1 or vent\$!) same rotat\$4 same		
l i		motor\$1) and ((wireless or remote) same		
		infrared or radio or ultrasound or		
		ultrasonic))		
56	302	' ' ' - - - - - - - -	USPAT	2004/03/19 18:11
		with motor\$1)) and (motor\$1 with encod\$3))		
		not (method\$1 and ((luvre\$1 or blind\$1 or		
		Shutter\$1 or vent\$!) same rotat\$4 same motor\$1) and ((wireless or remote) same		
		infrared or radio or ultrasound or		
!		ultrasonic))) and method\$1		·
57	303	(communicat\$4 with motor\$1) and (motor\$1	USPAT	2004/03/19 18:13
		with encod\$3) and (wireless or remote) and	002111	2001, 00, 15 10.12
		method\$1		
58	267	(communicat\$4 with motor\$1) and (motor\$1	USPAT	2004/03/19 18:14
		with encod\$3) and (wireless or remote) and		
		method\$1 and rotat\$4		
59	47	(communicat\$4 with motor\$1) and (motor\$1	USPAT	2004/03/19 19:39
		with encod\$3) and (wireless or remote) and		
		method\$1 and rotat\$4 and (louvre\$1 or		
		blind\$1 shutter\$1 or vent\$1)		
60	49	(communicat\$4 with motor\$1) and (motor\$1	USPAT	2004/03/19 19:40
		with encod\$3) and (wireless or remote) and		
		method\$1 and (louvre\$1 or blind\$1		
_	_	shutter\$1 or vent\$1)		0004/02/10 10 01
65	0	(dave with froere).inv	USPAT	2004/03/19 19:04
66 67	17		USPAT	2004/03/19 19:07
68	12 12	1	USPAT	2004/03/19 19:07 2004/03/19 19:16
69	5	((skinner with gary).inv) and method ((skinner with gary).inv) not (((skinner	USPAT	2004/03/19 19:16
"	3	with gary).inv) and method)	USPAT	2004/03/13 13:10
70	71	remote with infrared with radio with	USPAT	2004/03/19 19:25
'	, 1	ultrasonic	USERI	2004/03/13 13.23
71	34	(remote adj control) with infrared with	USPAT	2004/03/19 21:54
'	J-1	radio with ultrasonic	301731	2001,00,10 21.04
		1 =====	L	<u> </u>

72	3	(remote with infrared with radio with	USPAT	2004/03/19 21:52
	_	ultrasonic) same motor		0004/02/10 10:00
73	1	(remote with infrared with radio with	USPAT	2004/03/19 19:28
	_	ultrasonic) same rotation		0004 (00 (10 10 00
74	1	(remote with infrared with radio with	USPAT	2004/03/19 19:29
		ultrasonic) same activat\$3 same motor		0004/00/10 10:00
75	9	(remote with infrared with radio with	USPAT	2004/03/19 19:29
	500	ultrasonic) same activat\$3	II.G D A M	0004/03/10 10:40
76	502	method\$1 and ((louver\$1 or blind\$1 or	USPAT	2004/03/19 19:40
		Shutter\$1 or vent\$!) same rotat\$4 same		
		<pre>motor\$1) and ((wireless or remote) same infrared or radio or ultrasound or</pre>		
		ultrasonic)		
77	893	method\$1 and ((louver\$1 or blind\$1 or	USPAT	2004/03/19 23:42
' '	093	Shutter\$1 or vent\$!) same rotat\$4 same	OUTAI	2004/03/13 20:12
		motor\$1) and (wireless or remote)		
78	46	(communicat\$4 with motor\$1) and (motor\$1	USPAT	2004/03/19 19:39
'	10	with encod\$3) and (wireless or remote) and	******	2001, 00, 21 21 11
		method\$1 and rotat\$4 and (louver\$1 or		
		blind\$1 shutter\$1 or vent\$1)		
80	7	(method\$1 and ((louver\$1 or blind\$1 or	USPAT	2004/03/19 19:41
	•	Shutter\$1 or vent\$!) same rotat\$4 same		
		motor\$1) and ((wireless or remote) same		
		infrared or radio or ultrasound or		
		ultrasonic)) not (method\$1 and ((luvre\$1		
		or blind\$1 or Shutter\$1 or vent\$!) same		
		rotat\$4 same motor\$1) and ((wireless or		
		remote) same infrared or radio or	į	
		ultrasound or ultrasonic))		
81	0	((communicat\$4 with motor\$1) and (motor\$1	USPAT	2004/03/19 19:41
		with encod\$3) and (wireless or remote) and		
		method\$1 and rotat\$4 and (louver\$1 or]	
		blind\$1 shutter\$1 or vent\$1)) not		
	ļ	((communicat\$4 with motor\$1) and (motor\$1		
		with encod\$3) and (wireless or remote) and		
		method\$1 and (louver\$1 or blind\$1		
		shutter\$1 or vent\$1))		
79	48	(communicat\$4 with motor\$1) and (motor\$1	USPAT	2004/03/19 20:31
		with encod\$3) and (wireless or remote) and		ļ
1		method\$1 and (louver\$1 or blind\$1		
82	1	shutter\$1 or vent\$1) ("5377739").PN.	USPAT	2004/03/19 20:31
85	1	("3308873").PN.	USPAT	2004/03/19 20:51
92	ة أ	method and louver\$1 and motor4	USPAT	2004/03/19 20:31
93	1491		USPAT	2004/03/19 21:23
94		method and louver\$1 and motor\$1	USPAT	2004/03/19 21:23
95		method same louver\$1 same motor\$1	USPAT	2004/03/19 21:25
96	3	method same louver\$1 same motor\$1 same	USPAT	2004/03/19 21:26
1 "		rotat\$4	"	2001, 00, 15 21120
97	1		USPAT	2004/03/19 21:36
		(remote or wireless)		
108			1	
,	1	method\$1 same louver\$1 same motor\$1 same	USPAT	2004/03/19 21:45
	1	<pre>method\$1 same louver\$1 same motor\$1 same (remote or wireless)</pre>	USPAT	2004/03/19 21:45
109	5		USPAT USPAT	2004/03/19 21:45
		(remote or wireless)		2004/03/19 21:36 2004/03/19 21:44
109	5	(remote or wireless) "5782036"	USPAT	2004/03/19 21:36
109 110	5 3	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or</pre>	USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44
109 110 111	5 3 1	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN.</pre>	USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45
109 110 111	5 3 1	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj motors)) same (remote or wireless)</pre>	USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45
109 110 111	5 3 1	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj</pre>	USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45
109 110 111 112	5 3 1 0	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (blind\$1 or shutter\$1 or louver\$1) same (motors or (two adj</pre>	USPAT USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45 2004/03/19 21:57
109 110 111 112	5 3 1 0	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (blind\$1 or shutter\$1 or louver\$1) same (motors or (two adj motors)) same (remote or wireless)</pre>	USPAT USPAT USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45 2004/03/19 21:57 2004/03/19 21:47
109 110 111 112	5 3 1 0	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (blind\$1 or shutter\$1 or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (motors) same (rotat\$4 or</pre>	USPAT USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45 2004/03/19 21:57
109 110 111 112 113	5 3 1 0	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (blind\$1 or shutter\$1 or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless)</pre>	USPAT USPAT USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45 2004/03/19 21:57 2004/03/19 21:47 2004/03/19 21:48
109 110 111 112	5 3 1 0	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (blind\$1 or shutter\$1 or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless) (method\$1 same (motors) same (rotat\$4 or</pre>	USPAT USPAT USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45 2004/03/19 21:57 2004/03/19 21:47
109 110 111 112 113	5 3 1 0	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (blind\$1 or shutter\$1 or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless) (method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless)</pre>	USPAT USPAT USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45 2004/03/19 21:57 2004/03/19 21:47 2004/03/19 21:48
109 110 111 112 113 114 115	5 3 1 0	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (blind\$1 or shutter\$1 or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (motors or (two adj motors)) same (remote or wireless) method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless) (method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless)) and encod43</pre>	USPAT USPAT USPAT USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45 2004/03/19 21:57 2004/03/19 21:47 2004/03/19 21:48 2004/03/19 21:48
109 110 111 112 113	5 3 1 0	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (blind\$1 or shutter\$1 or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (motors or (two adj motors)) same (remote or wireless) method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless) (method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless)) and encod43 ((remote or wireless) with infrared with</pre>	USPAT USPAT USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45 2004/03/19 21:57 2004/03/19 21:47 2004/03/19 21:48
109 110 111 112 113 114 115	5 3 1 0 1 42 0	(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (blind\$1 or shutter\$1 or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless) (method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless) (method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless)) and encod43 ((remote or wireless) with infrared with radio with ultrasonic) same motor	USPAT USPAT USPAT USPAT USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45 2004/03/19 21:57 2004/03/19 21:47 2004/03/19 21:48 2004/03/19 21:48 2004/03/19 21:48
109 110 111 112 113 114 115	5 3 1 0	<pre>(remote or wireless) "5782036" "6092338" ("6092338").PN. method\$1 same (blind\$1 or shutter\$1or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (blind\$1 or shutter\$1 or louver\$1) same (motors or (two adj motors)) same (remote or wireless) method\$1 same (motors or (two adj motors)) same (remote or wireless) method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless) (method\$1 same (motors) same (rotat\$4 or tilt\$3) same (remote or wireless)) and encod43 ((remote or wireless) with infrared with</pre>	USPAT USPAT USPAT USPAT USPAT USPAT	2004/03/19 21:36 2004/03/19 21:44 2004/03/19 21:45 2004/03/19 21:57 2004/03/19 21:47 2004/03/19 21:48 2004/03/19 21:48

120	2	(((remote or wireless) with infrared with	USPAT	2004/03/19 21:55
		radio with ultrasonic)) and (motor with		
119	74	<pre>encod\$3) (((remote or wireless) with infrared with</pre>	USPAT	2004/03/19 21:55
119	, ,	radio with ultrasonic)) and motor	Joseph	2004/03/13 21:33
121	82		USPAT	2004/03/19 21:56
		radio with ultrasonic) and (door\$1 or		
		window\$1)		0004/00/10 01 56
122	82	(((remote or wireless) with infrared with	USPAT	2004/03/19 21:56
		radio with ultrasonic)) and (door\$1 or window\$1)		
123	7	(((remote or wireless) with infrared with	USPAT	2004/03/19 21:59
		radio with ultrasonic)) and (blind\$1 or		
		shutter\$1 or louver\$1)	_	
124	5	((((remote or wireless) with infrared with	USPAT	2004/03/19 21:59
		radio with ultrasonic)) and motor) and (blind\$1 or shutter\$1 or louver\$1)		
125	٥ ا	(("US6330397B1") or ("US5563396A") or	USPAT	2004/03/19 22:57
123		("US6538634B1") or ("US6698439B2") or	001111	2001,00,15 22101
		("US6675534B2") or ("US5673514A") or		
		("US4638433A") or ("US4619073A") or		
		("US4469132A") or ("US4397115A") or		
		("US4241647A") or ("US3965348A") or ("US3885152A") or ("US5782036A") or		
		("US5600920A") or ("US5225748A") or		
		("US4831314A") or ("US6674255B2") or		
		("US5377739A") or ("US5170108A") or		
		("US5142133A") or ("US4979550A") or		
		("US6495821B1") or ("US6446693B1") or		
1		("US6400112B1") or ("US6388404B1") or ("US6376832B1") or ("US6133703A") or		
İ		("US5990646A") or ("US5760558A") or		
		("US6369529B1") or ("US6339302B1") or		
		("US5912541A") or ("US6369530B2") or		
		("US6259218B1") or ("US6205416B1") or		
		("US6185514B1") or ("US6181089B1") or		
		("US6057658A") or ("US5793174A") or ("US6680673B1") or ("US5237264A") or		
		("US5146153A") or ("US5099193A") or		
		("US5850742A") or ("US5775989A") or		
		("US5603371A") or ("US5456633A") or		
		("US6568131B1") or ("US6655817B2")).PN.		
126	26	,,	USPAT	2004/03/19 22:59
		("US6538634B1") or ("US6698439B2") or ("US6675534B2") or ("US5673514A") or		
		("US4638433A") or ("US4619073A") or		
		("US4469132A") or ("US4397115A") or		
		("US4241647A") or ("US3965348A") or		
		("US3885152A") or ("US5782036A") or		
		("US5600920A") or ("US5225748A") or ("US4831314A") or ("US6674255B2") or		
		("US5377739A") or ("US5170108A") or		
		("US5142133A") or ("US4979550A") or	ļ	
		("US6495821B1") or ("US6446693B1") or		
		("6400112") or ("6388404") or ("6376832")		
	i	or ("6133703") or ("5990646") or		
		("5760558") or ("6369529") or ("6339302") or ("5912541") or ("6369530") or		
		("6259218") or ("6205416") or ("6185514")		
		or ("6181089") or ("6057658") or		
		("5793174") or ("6680673") or ("5237264")		
		or ("5146153") or ("5099193") or		
		("5850742") or ("5775989") or ("5603371")		
		or ("5456633") or ("6568131") or ("6655817")).PN.		
	1	\ 000001, //	L	L

		11.55.20.53.41)	TIODAM.	1 2004 /02 /10 22 01
127	50	(("6330397") or ("5563396") or ("6538634")	USPAT	2004/03/19 23:01
		or ("6698439") or ("6675534") or		
		("5673514") or ("4638433") or ("4619073") or ("4469132") or ("4397115") or		
		("4241647") or ("3965348") or ("3885152")		
		or ("5782036") or ("5600920") or ("5225748") or ("4831314") or ("6674255")		
		or ("5377739") or ("5170108") or		
		("5142133") or ("4979550") or ("6495821")		
		or ("6446693") or ("6400112") or		
		("6388404") or ("6376832") or ("6133703")		
		or ("5990646") or ("5760558") or		
		("6369529") or ("6339302") or ("5912541")		
		or ("6369530") or ("6259218") or		
		("6205416") or ("6185514") or ("6181089")		
		or ("6057658") or ("5793174") or		
i		("6680673") or ("5237264") or ("5146153")		
ł		or ("5099193") or ("5850742") or		
		("5775989") or ("5603371") or ("5456633")		
		or ("6568131") or ("6655817")).PN.		
128	0	4397115.PN. and (motor with encod\$\$3)	USPAT	2004/03/19 23:02
129	6	I	USPAT	2004/03/19 23:02
123		("6538634") or ("6698439") or ("6675534")	001111	2004,03,13 23.02
		or ("5673514") or ("4638433") or		
		("4619073") or ("4469132") or ("4397115")		1
		or ("4241647") or ("3965348") or		
		("3885152") or ("5782036") or ("5600920")		
		or ("5225748") or ("4831314") or		
		("6674255") or ("5377739") or ("5170108")		1
		or ("5142133") or ("4979550") or		
		("6495821") or ("6446693") or ("6400112")		
		or ("6388404") or ("6376832") or		
		("6133703") or ("5990646") or ("5760558")]
		or ("6369529") or ("6339302") or	1	
		("5912541") or ("6369530") or ("6259218")		
		or ("6205416") or ("6185514") or]
		("6181089") or ("6057658") or ("5793174")		1
		or ("6680673") or ("5237264") or		
1		("5146153") or ("5099193") or ("5850742")		
		or ("5775989") or ("5603371") or		
		("5456633") or ("6568131") or		,
		("6655817")).PN.) and (motor with		
		encod\$\$3)		
130	45887		USPAT	2004/03/19 23:43
		vent\$!) with independ\$2same rotat\$4 same		
		motor\$1) and (wireless or remote)		
131	0	(louver\$1 or blind\$1 or Shutter\$1 or	USPAT	2004/03/19 23:43
1.00	1	vent\$!) with independ\$2 with rotat\$3		1 0004 400 455 55
132	0	(USPAT	2004/03/19 23:44
		vent\$!) with independ\$2 with (rotat\$3 or		
1,,,	_	tilt\$3)		0004/02/25 25 21
133	1	(louver\$1 or blind\$1 or Shutter\$1 or	USPAT	2004/03/19 23:44
124		vent\$!) with independ\$2		0004/03/15 05 :-
134	523	· · · · · · · · · · · · · · · · · · ·	USPAT	2004/03/19 23:45
125		vent\$!) with (two adj set\$1)		1 2004/03/12 23 15
135	523	(louver\$1 or blind\$1 or Shutter\$1 or	USPAT	2004/03/19 23:45
126	,	vent\$!) with (two adj set\$1)	HODAE	2004/03/10 23:45
136	1	5782036.PN. and motor\$1	USPAT	2004/03/19 23:46
137	1	5782036.PN. and (wireless or remote)	USPAT	2004/03/19 23:46